U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Sub	stitute for form 1449/PTO			Complete if Known			
				Application Number			
IN.	FORMATION	וח	SCI OSLIDE	Filing Date	December 30, 2003		
			·	First Named Inventor	Christopher Wilson		
S	TATEMENT B'			Art Unit			
	(Use as many sheet	ts as	necessary)	Examiner Name			
Sheet	1	of	1	Attorney Docket Number	07942.0025.NPUS00		

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
nitials*	Cite No.	Desament Hamber	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
		Number-Kind Code ^{2 (7 known)}			Figures Appear
QN	1	^{US-} 2002/0007398 A1	01/17/2002	Mediola, et al.	
	2	^{US-} 2002/0112014 A1	08/15/2002	Bennett, et al.	
	3	US- 2003/0152040 A1	08/14/2003	Crockett, et al.	
	4	^{US-} 2003/0153339 A1	08/14/2003	Crockett, et al.	
	5	^{US-} 2003/0153340 A1	08/14/2003	Crockett, et al.	
	6	^{US-} 2003/0153341 A1	08/14/2003	Crockett, et al.	
	7	^{US-} 2003/0153342 A1	08/14/2003	Crockett, et al.	
	8	^{US-} 2003/0153343 A1	08/14/2003	Crockett, et al.	
	9	^{US-} 2003/0154243 A1	08/14/2003	Crockett, et al.	
	10	^{US-} 2003/0154249 A1	08/14/2003	Crockett, et al.	
	11	^{US-} 5,781,614	07/14/1998	Brunson	
	12	^{US-} 6,360,093 B1	03/19/2002	Ross, et al.	
	13	^{US-} 6,405,035 B1	06/11/2002	Singh	
	14	^{US-} 6,430,604 B1	08/06/2002	Ogle, et al.	
	15	us- 6,501,834 B1	12/31/2002	Milewski, et al.	
V	16	^{US-} 6,539,237 B1	03/25/2003	Sayers, et al.	
QN	17	^{US-} 6,539,421 B1	03/25/2003	Appelman, et al.	
		US-			
		US-		1	

	FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document Publication Nam	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	П			
·		Country Code ³ Number ⁴ "Kind Code ⁶ (if known)	MM-DD-YYYY	Applicant of Olica Document	Or Relevant Figures Appear	Τ°		
	ļ							
						L		
						╄-		
					·	上		

Examiner Signature	/Quang N. Nguyen/ (02/03/2007)	Date Considered	02/03/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

MAY 2 & 2004

LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)

PTO FORM 1449

ATTY, DOCKET NO.	APPLICATION NO.
07942.0005.CPUS03	10/748,723
APPLICANT	
Christopher R. Wilson, et al.	
FILING DATE	GROUP
December 30, 2003	2143

			U.S. PATE	NT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	CLASS SUBCLASS		FILING DATE OF APPROPRIATE	
QN	A1	6,630,944 B1	10/07/2003	Kakuta, et al.					
QN	A2	2003/0007464 A1	01/09/2003	Balani		_		-	
			-			┼		 -	
			 			†			
· · ·									
						-			
	<u> </u>					-			
	l		FOREIGN PA	TENT DOCUMENTS		Т.,	1.		•
EXAMINER INITIAL		DOCUMENT NUMBER	DATE .	COUNTRY	CLAS		SUBCLASS		
····	B1							YES	NO
								\	
		<u> </u>	<u> </u>	<u> </u>			* English	L Abstract	Only
		(Includin		REFERENCES , Date, Pertinent Pages,	Etc.)				
QN	C1	PCT International Sea July 17, 2003.	rch Report date	ed May 4, 2004 for PCT/	US03/223	57, in	temation	al filing d	ate
	<u>. </u>								
									
	ļ								

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO/SB/08A (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

DEC 1 3 2006

Sheet 1

to thirp topyobar 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number 10/748,723

Filling Date 12/30/2003

First Named Inventor Christopher Wilson

An Unit 2141

Examiner Name Quang N. Nguyen

Attorney Docket Number 07942.0005.CPUS03

			Publication Date	DOCUMENTS Name of Patentee or	Pages, Columns, Lines, Where
Examiner Cite No.1		Document Number	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (f known)}	00.40.4000	01 -1	
QN		^{US-} 5528671	06-18-1996	Ryu et al.	
		^{US-} 5694549	12-02-1997	Carlin et al.	
		^{US-} 5742905	04-21-1998	Pepe et al.	
		US- 5838318	11-17-1998	Porter et al.	
		^{US-} 5889764	03-30-1999	Needham et al.	
		^{US-} 5905476	05-18-1999	McLaughlin et al.	
		US- 5987401	11-16-1999	Trudeau	
		US- 5987503	11-16-1999	Murakami	
		US- 5990887	11-23-1999	Red Path et al.	
		^{US-} 5991796	11-23-1999	Anupam et al.	
		^{US-} 6020884	02-01-2000	MacNaughton et al.	
		^{US-} 6061716	05-09-2000	Moncreiff	
		^{US-} 6078948	07-20-2000	Podgorny et al.	
		^{US-} 6157814	12-05-2000	Hymel et al.	
		US- 6161134	12-12-2000	Wang et al.	
		^{US-} 6212548	04-03-2001	DeSimone et al.	
1/		^{US-} 6286034	09-04-2001	Sato et al.	
V		^{US-} 6301609	10-09-2001	Aravamudan et al.	
QN		^{US-} 6370563	04-09-2002	Murakami et al.	

		FORE	IGN PATENT DOCL	MENTS		
xaminer Cite		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>)	MM-DD-YYYY		Or Relevant Figures Appear	0 ا
QN		EP 1 154 666 A2	11-14-2001	Isao Corporation		1
		WO 00/69140	11-16-2000	Telefonaktiebolaget LM		V
		JP 10154117	06-09-1998	Fujitsu Ltd		
1/		JP 11249990	09-17-1999	Fujitsu Ltd		
$\overline{\mathbf{A}}$		JP 11203227	07-30-1999	Network Community Creatio	l	
QN		2002009819 39	01-11-2002	Sato et al.		

				·
Examiner Signature	/Quang N. Nguyen/	(02/03/2007)	Date Considered	02/03/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO **Application Number** 10/748,723 Filing Date 12/30/2003 INFORMATION DISCLOSURE First Named Inventor **Christopher Wilson** STATEMENT BY APPLICANT Art Unit 2141 (Use as many sheets as necessary) **Examiner Name** Quang N. Nguyen Attorney Docket Number 07942.0005.CPUS03 Sheet 2

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials* No.1		Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
QN		^{US-} 6393461 B1	05-21-2002	Okada et al.		
1		^{US-} 6430567	08-06-2002	Burridge		
		^{US} - 6434604 B1	08-13-2002	Harada et al.		
		^{US-} 6446112	09-02-2002	Bunney et al.		
		^{US-} 6456621 :	09-24-2002	Wada et al.		
		^{US-} 6459892	10-01-2002	Burgan et al.		
		^{US-} 6480885	11-12-2002	Olivier		
		us- 6499053 :	12-24-2002	Marquette et al.		
		^{US-} 6549768	04-15-2003	Fraccaroli		
		^{US-} 6594255	07-15-2003	Newman		
		^{US-} 6597903	07-2003	Dahm et al.		
		^{US-} 6484196	11-2002	Maurille		
		^{US-} 6433795	08-2002	MacNaughton et al.		
		us- 6677976	01-13-2004	Parker et al.		
		US- 6721784	04-13-2004	Leonard et al.		
		US- 6471521	10-2002	Dombush et al.		
		^{US-} 6681108	01-2004	Terry et al.		
∇		^{US-} 6760580	07-2004	Robinson et al.		
QN		^{US-} 6807431	10-2004	Sayers et al.		

	FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document	reign Patent Occument Publication Date		Pages, Columns, Lines, Where Relevant Passages			
· · · · · ·		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	78		
	ļ.—					L		
· —	ļ	· · · · · · · · · · · · · · · · · · ·				┡		
						H		

Examiner Signature	/Quang N. Nguyen/ (02/03/2007)	Date Considered	02/03/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant, Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usgto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/748,723 Filing Date 12/30/2003 INFORMATION DISCLOSURE First Named Inventor Christopher Wilson STATEMENT BY APPLICANT Art Unit 2141 (Use as many sheets as necessary) **Examiner Name** Quang N. Nguyen **Attorney Docket Number** 07942.0005.CPUS03 Sheet 3

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
QN	-	US- 7003327	02-2006	Payne et al.	
- X-1				Shwartz et al.	
	ļ	US- 2001/0044787 ·	11-2001		
		us- 2004/0039779	02-2004	Armstrong et al.	
		^{US-} 2005/0207557	09-2005	Dolan et al.	
		US- 2002/0073154 A1	06-13-2002	Murakami et al.	
	T .	^{US-} 2002/0016163 A1	02-07-2002	Burgan et al.	
	ļ	us- 2005/0027802	02-2005	Madsen et al.	
		us- 2004/0078304	04-2004	Gabbard et al.	
		US- 2002/0095679	07-2002	Bonini .	
		US- 2001/0031635	10-18-2001	Bharatia	
		US- 2001/0042095	11-15-2001	Kim et al.	
		^{US-} 2002/0022954	02-21-2002	Shimohata et al.	
		US- 2002/0023128	02-21-2002	Matsumoto et al.	
		US- 2002/0083035	06-21-2002	Pearl et al.	
		us- 2002/0133547	09-19-2002	Lin	
		us- 2003/0003953	01-02-2003	Houplain	
		^{US-} 2003/0012348	01-16-2003	Skladman et al.	
V		^{US-} 2003/0158902	08-21-2003	Volach	
QN		us- 2003/0236823	12-25-2003	Patzer et al.	·

 FOREIGN PATENT DOCUMENTS								
Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
	Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°			
				=	L			
				·				

Examiner Signature	/Quang N. Nguyen/ (02/03/2007)	Date Considered	02/03/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and no considered. Include copy of this form with next communication to applicant. 'Applicants unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.usofo.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/748,723 Filing Date 12/30/2003 INFORMATION DISCLOSURE First Named Inventor Christopher Wilson STATEMENT BY APPLICANT Art Unit 2141 (Use as many sheets as necessary) **Examiner Name** Quang N. Nguyen Attorney Docket Number 07942.0005.CPUS03 Sheet 4

Examiner	Cite	Pages, Columns, Lines, When				
Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevan Figures Appear	
QN		^{US-} 2003/0028597	02-2003	Salmi et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			· · · · · · · · · · · · · · · · · · ·	
		US-				
		ŪS-				
		US				
		US-				
		US-				
		US-			·	
		US-				
		US-				
		US-			<u> </u>	
	\neg	US-	· ·			
		US-	 		<u> </u>	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY	, фр. с	Or Relevant Figures Appear	Τ°			
					·				
	[

Examiner Signature	/Quang N. Nguyen/	(02/03/2007)	Date Considered	02/03/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

	U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Inder the Panerwork Reduction Art of 1995	no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	te for form 1449/PTO		dr 1995, no persons a	Complete if Known			
Subsulu	te for form 1449/P10			Application Number	10/748,723		
INFO	ORMATIO	N DIS	CLOSURE	Filing Date	12/30/2003		
STA	TEMENT	BY A	PPLICANT	First Named Inventor	Christopher Wilson		
				Art Unit	2141		
	(Use as many sl	neets as ne	ecessary)	Examiner Name	Quang N. Nguyen		
Sheet	5	of	5	Attorney Docket Number	07942.0005.CPUS03		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
QN		Supplementary European Search Report, EPO Appl. No. EP03764784, Dated 16-JUN-2006, 3 pages	
QN		PCT International Search Report and Written Opinion, 07-DEC-2005, PCT/US04/43581, 7 pages	
QN		PCT International Search Report, PCT/US03/22355, 4 pages	
<u> </u>		·	
		·	
			

Examiner Signature	/Quang N. Nguyen/ (02/03/2007)	Date Considered	02/03/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.